UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,221,975 B2 APPLICATION NO. : 10/728081

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8, line 57, after the words "coefficient Cn" delete ",".

Column 9, line 13, after the words "according to" insert the word -- the--.

Column 10, line 60, the word "contaminated" should read --contaminated--.

In col. 11 claim 1, line 46, after the word "and" delete ";".

In col. 11 claim 4, lines 59-60, each occurrence of the word "Tchebychev" should read --Tchebyshev--.

In col. 12 claim 10, line 32, replace the word "comprise" with --comprises--.

In col. 13 claim 15, line 4, after the word "method" deleted the word "as".

In col. 14 claim 25, lines 31-32, each occurrence of the word "Tchebychev" should read --Tchebyshev--.

In col. 14 claim 26, line 38, after the words "from the set of" insert the words --polynomials modeling the contaminated EMG input signal to thereby obtain an EMG input--.

In col. 14 claim 27, line 58, the word "nonnalizing" should read --normalizing--.

In col. 15 claim 35, line 66, after the word "signal" insert the word --as--.

In col. 16 claim 38, lines 15-16, after the period, the words "as orthogonal polynomials of higher orders" should be deleted.

In col. 18 claim 54, line 20, after the word "signal" insert the word --as--.

Signed and Sealed this

Twenty-third Day of October, 2007

JON W. DUDAS
Director of the United States Patent and Trademark Office